

Algebra 1

Mrs. Arot/Mrs. Britton

Section 3.5: Variables on both sides

Name: _____

Date: _____

Solve each equation. ****SHOW ALL YOUR WORK****

1. $m - 12 = 3m + 4$

2. $2u - 4 = -4u + 20$

3. $5x + 32 = 8 - x$

4. $2v + 2 = 6v - 46$

5. $4m - 5 = 3m + 7$

6. $x + 3 = 33 - 9x$

7. $4a = -2a + 18$

8. $4w + 10 = 6w$

9. $4n - 2 = -7n + 20$

10. $-6x + 12 = 14 - 7x$

11. $3w - 1 - 4w = 4 - 2w$

12. $3r = 14 + 10r$